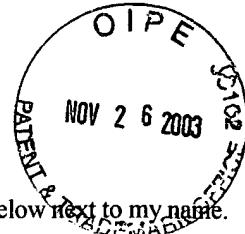


DECLARATION, POWER OF ATTORNEY, AND PETITIONCase No. EI-7592

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe that I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**LOWERING THE AMOUNT OF CARBON IN FLY ASH FROM
BURNING COAL BY A MANGANESE ADDITIVE TO THE COAL**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applications (Priority Claimed)

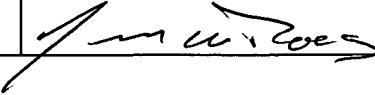
<u>(Number)</u>	<u>(Country)</u>	<u>(Date/Month/Year Filed)</u>	<u>Priority Claimed (Yes or No)</u>	<u>Certified Copy Attached? (Yes or No)</u>

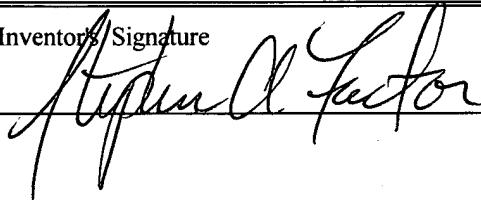
And I hereby appoint Dennis H. Rainear, Reg. No. 32,486, or Leah O. Robinson, Reg. No. 44,990, of Ethyl Petroleum Additives, Inc., 330 South Fourth Street, Richmond, Virginia, 23219, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, said Dennis H. Rainear or Leah O. Robinson has full power of substitution and revocation. Please make all telephone calls to Dennis H. Rainear at (804) 788-5516 or Leah O. Robinson at (804) 788-5498.

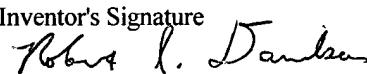
Address all correspondence to Mr. Dennis H. Rainear or Ms. Leah O. Robinson, Patent & Trademark Division, Ethyl Petroleum Additives, Inc., 330 South Fourth Street, Richmond, Virginia 23219.

WHEREFORE, I pray that Letters Patent be granted to me or us for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Second Joint Inventor JOSEPH W. ROOS	Inventor's Signature 	Date
Residence 10261 Berkeley Manor Drive, Mechanicsville, Virginia 23116		Citizenship United States
Post Office Address Same		

Full Name of First Joint Inventor STEPHEN A. FACTOR	Inventor's Signature 	Date
Residence 11404 Ivy Home Place, Richmond, Virginia 23233		Citizenship United States
Post Office Address Same		

Full Name of Second Joint Inventor ROBERT I. DAVIDSON	Inventor's Signature 	Date 7/21/03
Residence 2339 Olde Queen Terrace, Midlothian, Virginia 23113		Citizenship United States
Post Office Address Same		